

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended): A method of managing downlink data transfers between a radio access network-(BSS) of a packet-switched communications network and mobile stations (MS-k), characterized in that, the method comprising, in the event of a request for downlink data transfer to a mobile station-(MS-k), it consists in sending a link set-up request to said mobile station by means of the radio access network-(BSS) and, on reception by said radio access network-(BSS) of a response to said request sent by the mobile station-(MS-k), setting up a downlink access to send the data to said mobile station-(MS-k).

2. (Currently amended): A The method according to claim 1, characterized in that wherein said link set-up request requires said mobile station (MS-k) to send said radio access network (BSS) an uplink access request and, on receipt of said request, network resources for setting up said uplink access are assigned so that said mobile station (MS-k) can send said response to the link set-up request over that uplink access.

3. (Currently amended): A The method according to claim 2, characterized in that wherein said uplink access request includes a reference identifier recognizable by said mobile station (MS-k) and, on receipt of the uplink access request, said reference identifier is extracted in order to set up said uplink access.

4. (Currently amended): ~~A~~The method according to claim 1, ~~characterized in that~~
wherein said response includes a call identifier of the mobile station, known to said network,
and, on receipt of said response, said call identifier is extracted in order to set up said downlink
access.

5. (Currently amended): ~~A~~The method according to claim 1, ~~characterized in that~~
wherein said link set-up request is generated by said radio access network ~~(BSS)~~.

6. (Currently amended): A system ~~(D)~~ for managing downlink data transfers between a
radio access network ~~(BSS)~~ of a packet-switched communications network and mobile stations
~~(MS-k)~~, ~~characterized in that it comprises~~, the system comprising a management means (M)
adapted, on receiving a request for downlink data transfer to a mobile station ~~(MS-k)~~, to instruct
sending of a link set-up request to said mobile station by means of said radio access network
~~(BSS)~~, followed by setting up a downlink access after the reception of a response to that request
from said mobile station ~~(MS-k)~~.

7. (Currently amended): ~~A~~The system according to claim 6, ~~characterized in that~~
wherein said management means ~~(M)~~ are adapted to instruct said radio access network ~~(BSS)~~ to
send a link set-up request that requests said mobile station ~~(MS-k)~~ to send said radio access
network ~~(BSS)~~ an uplink access request so that on receipt of said request said radio access
network ~~(BSS)~~ is able to assign network resources for setting up said uplink access enabling said
mobile station ~~(MS-k)~~ to send said response to the link set-up request.

8. (Currently amended): An equipment ~~(BSC)~~ of a radio access network ~~(BSS)~~ of a packet-switched communications network, ~~characterized in that it includes~~ comprising at the system ~~(D)~~ according to claim 6.

9. (Currently amended) ~~An~~ The equipment according to claim 8, ~~characterized in that~~ wherein it is adapted, when said uplink access request includes a reference identifier recognizable by said mobile station ~~(MS-k)~~, to extract said reference identifier from the received uplink access request in order to set up said uplink access.

10. (Currently amended) ~~An~~ The equipment according to claim 8, ~~characterized in that~~ wherein it is adapted, when said response includes a call identifier of the mobile station ~~(MS-k)~~ known to said communications network, to extract the call identifier from said response in order to set up said downlink access.

11. (Currently amended) ~~An~~ The equipment according to claim 8, ~~characterized in that~~ wherein it takes the form of a base station controller ~~(BSC)~~.

12. (Currently amended) ~~An~~ The equipment according to claim 8, ~~characterized in that~~ wherein it takes the form of a packet transfer control unit.

13. (Currently amended) A radio access network ~~(BSS)~~ of a packet-switched communications network, ~~characterized in that it includes~~ comprising an equipment ~~(BSC)~~ according to claim 8.